

CLAIMS

1. A polymer composition comprising:

a block copolymer (a) including a polymer block A, which
5 is composed mainly of an α -methylstyrene, and a hydrogenated
or unhydrogenated polymer block B, which is composed of a
conjugated diene or isobutylene and has a weight average
molecular weight of 30,000 to 200,000;

an acrylic resin (b); and

10 a softener (c),

wherein proportions (by mass) of respective components in the
polymer composition are such that each of the following
relationships (1) and (2) holds:

$$0.05 \leq W_b/W_a \leq 2 \quad (1) \text{ and}$$

15 $W_c/(W_a + W_b + W_c) \leq 0.5 \quad (2)$

wherein W_a , W_b , and W_c represent the amounts (by mass) of the
block copolymer (a), the acrylic resin (b) and the softener
(c), respectively.

2. The polymer composition according to claim 1, wherein the

20 block copolymer (a) comprises:

(1) a polymer block A composed mainly of an α -
methylstyrene and having a weight average molecular weight of
1,000 to 50,000; and

(2) a polymer block B including a block b1 that has a
25 weight average molecular weight of 1,000 to 30,000 and in

which less than 30% of the conjugated diene units to constitute the block are linked via 1,4-linkages, and a block b2 that has a weight average molecular weight of 25,000 to 190,000 and in which 30% or more of the conjugated diene units to constitute the block are linked via 1,4-linkages;

wherein the block copolymer (a) includes at least one A-b1-b2 structure.

3. The polymer composition according to claim 1 or 2,

wherein the polymer composition has a morphology in which the

block copolymer (a) forms a continuous phase (matrix) and the

acrylic resin (b) forms particles having an average particle

size of 0.2 μ m or less that are dispersed throughout the

continuous phase, forming sea-island structures, the block

copolymer (a) having the polymer block A composed mainly of an

α -methylstyrene and the hydrogenated or unhydrogenated polymer

block B composed of the conjugated diene or isobutylene, the

block copolymer (a) having a weight average molecular weight

of 30,000 to 200,000.

4. A stretchable material formed of the polymer composition

according to any one of claims 1 to 3.

5. The stretchable material according to claim 4, wherein

the stretchable material is provided in the form of a film,

strand, band, or nonwoven fabric formed of the polymer

composition.

6. The stretchable material according to claim 4, wherein

the stretchable material yields a 0.8MPa or larger stress when formed into a 1mm thick, No.2 dumbbell-molded sample piece according to JIS K 6251 and stretched by 50% at a test speed of 20mm/min at 25°C with the grip distance of 70mm, and gives a 50% or higher stress retention after held under the conditions for 2 hours.

7. A laminate comprising a layer formed of the polymer composition according to any one of claims 1 to 3 and a layer formed of a different material.

8. The laminate according to claim 7, wherein the different material is a thermoplastic resin.

9. The laminate according to claim 8, wherein the different material comprises at least one thermoplastic resin selected from the group consisting of olefin-based resin, olefin-based thermoplastic elastomer, styrene-based thermoplastic elastomer, and a resin composition containing a styrene-based thermoplastic elastomer.

10. The laminate according to claim 7, having an outermost layer formed of the polymer composition according to any one of claims 1 through 3.

11. A foam composition comprising the polymer composition according to claim 1 or 2 and a blowing agent (d), the blowing agent (d) being contained in a proportion (by mass) such that the following relationship (3) holds:

$$0.01 \leq Wd/(Wa + Wb + Wc) \leq 0.1 \quad (3)$$

wherein W_a , W_b , W_c , and W_d represent the amounts (by mass) of the block copolymer (a), the acrylic resin (b), the softener (c), and the blowing agent (d) that together form the foam composition, respectively.

- 5 12. A foam obtained by foaming the foam composition according to claim 11.